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Remarks:

Applicants have carefully studied the non-final Examiner's Action mailed 03/13/2007, having a shortened statutory period for response set to expire 06/13/2007, and all references cited therein. The amendment appearing above and these explanatory remarks are believed to be fully responsive to the Action. Accordingly, this important patent application is now believed to be in condition for allowance.

Applicants respond to the outstanding Action by centered headings that correspond to the centered headings employed by the Office, to ensure full response on the merits to each finding of the Office.

Response to Amendment

Applicants thank the Office for entering the preliminary amendment filed 10/11/2004.

Claim Objections

Claim 1 stands objected to because "cameral" in line 7 should be "camera." The correction is made herewith.

Claim 1 also stands objected to because "the sensitivity of each camera pixel" lacks antecedent basis and therefore should be "a sensitivity of each camera pixel." The correction is made herewith.

Claim 8 has been amended by adding a period to the end thereof.

Claim Rejections – 35 U.S.C. § 112

Applicants acknowledge the quotation of 35 U.S.C. § 112, second paragraph.

Claim 1, and therefore dependent claims 4-9, stand rejected under 35 U.S.C. § 112, second paragraph, because lines 7-10 of claim 1 recite two separate steps of correcting the sensitivity of each camera pixel but it is unclear as to whether the two steps are related. The confusion is removed by this amendment A because, as currently amended, claim 1 now recites only one (1) step for correcting the sensitivity of each camera pixel and that said one (1) step is the step of shifting the wavelength of the radiation by small, incremental steps.

Claim Rejections – 35 U.S.C. § 101

Applicants acknowledge the quotation of 35 U.S.C. § 101.

Claim 1 stands rejected under 35 U.S.C. § 101 as being directed to non-statutory subject matter.

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The Office has astutely pointed out that this ground of rejection is met by adding the limitation of claim 9 to claim 1. Applicant has therefore amended claim 1 by adding the limitations of claim 9 thereto, thereby providing said claim 1 with a recitation of a concrete, useful, and tangible result.

Pertinent Prior Art

Applicants agree that the art made of record and not relied upon is not more pertinent to the claimed invention than the art cited.

If a Notice of Allowance cannot be entered for any reason, a telephone call to the undersigned at (813) 925-8505 is requested. Applicants thank the Office for its careful examination of this important patent application.

Very respectfully,

SMITH & HOPEN

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Dated: April 23, 2007

pc: Dr. Dirk L. Basting

CERTIFICATE OF FACSIMILE TRANSMISSION
(37 C.F.R. 1.8)

I HEREBY CERTIFY that this Amendment A, including Introductory Comments, Amendments to the Claims and Remarks, is being transmitted by facsimile to the United States Patent and Trademark Office, Art Unit 2886, Attn: Marissa Detschel, (571) 273-8300 on April 23, 2007.

Dated: April 23, 2007

April Turley
April Turley